

## 1. A fabric care composition comprising:

a) from about 0.01% to about 20% by weight, of a fabric abrasion reducing polymer, said fabric abrasion polymer chosen from:

i) at least one monomeric unit comprising an amide moiety;

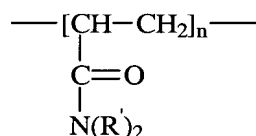
ii) at least one monomeric unit comprising an N-oxide moiety; or

iii) mixtures thereof; and

b) the balance carriers and adjunct ingredients;

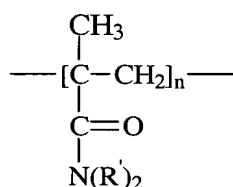
wherein the molecular weight of said fabric abrasion reducing polymer is greater than 100,000 daltons; and wherein said fabric abrasion polymer comprises one or more monomeric units selected from the group consisting of:

i) polyacrylamides and N-substituted polyacrylamides having the formula:



wherein each R' is independently hydrogen, C<sub>1</sub>-C<sub>6</sub> alkyl, or both R' units can be taken together to form a ring comprising 4-6 carbon atoms;

ii) polymethacrylamides and N-substituted polymethacrylamides having the general formula:



wherein each R' is independently hydrogen, C<sub>1</sub>-C<sub>6</sub> alkyl, or both R' units can be taken together to form a ring comprising 4-6 carbon atoms; and

iii) mixtures thereof;

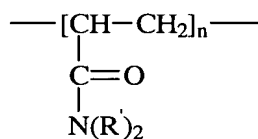
wherein said composition further comprises from 0.001% to 50% by weight, of a dye fixing agent and/or from 0.01% to 50% by weight of a bleach protection polyamine selected from the group consisting of 1,4-bis-(3-aminopropyl)piperazine, 1,1-N-dimethyl-5-N'-methyl-9,9-N''-dimethyl dipropylenetriamine, 1,1-N-dimethyl-9,9-N''-dimethyl dipropylenetriamine, N,N'-bis(3-aminopropyl)-1,3-propylenediamine, and mixtures thereof.

2. A composition which provides reduced fabric abrasion, said composition comprises:

- 5           a)       from 0.01% by weight, of a fabric abrasion reducing polymer, said fabric abrasion polymer chosen from:
- i)       at least one monomeric unit comprising an amide moiety;
- ii)      at least one monomeric unit comprising an N-oxide moiety; or
- iii)     mixtures thereof;
- 10          b)       optionally from 1% by weight, of a fabric softening active;
- c)       optionally less than 15% by weight, of a principal solvent, said principal solvent has a ClogP of from 0.15 to 1;
- d)       optionally from 0.001% to 90% by weight, of one or more dye fixing agents;
- 15          e)       optionally from 0.01% to 50% by weight, of one or more cellulose reactive dye fixing agents;
- f)       optionally from 0.01% to 15% by weight, of a chlorine scavenger;
- g)       optionally 0.005% to 1% by weight, of one or more crystal growth inhibitors;
- h)       optionally from 1% to 12% by weight, of one or more liquid carriers;
- 20          i)       optionally from 0.001% to 1% by weight, of an enzyme;
- j)       optionally from 0.01% to 8% by weight, of a polyolefin emulsion or suspension;
- k)       optionally from 0.01% to 0.2% by weight, of a stabilizer;
- l)       optionally from 1% to 80% by weight, of a fabric softening active;
- 25          m)       from 0.001% to 50% by weight, of a dye fixing agent and/or from 0.01% to 50% by weight of a bleach protection polyamine selected from the group consisting of 1,4-bis-(3-aminopropyl)piperazine, 1,1-N-dimethyl-5-N'-methyl-9,9-N''-dimethyl dipropylene triamine, 1,1-N-dimethyl-9,9-N''-dimethyl dipropylene triamine, N,N'-bis(3-aminopropyl)-1,3-
- 30          propylenediamine, and mixtures thereof; and
- o)       the balance carrier and adjunct ingredients;

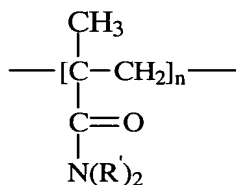
wherein the molecular weight of said fabric abrasion reducing polymer is greater than 100,000 daltons; and wherein said fabric abrasion polymer comprises one or more monomeric units selected from the group consisting of:

- i) polyacrylamides and N-substituted polyacrylamides having the formula:



- 5 wherein each R' is independently hydrogen, C<sub>1</sub>-C<sub>6</sub> alkyl, or both R' units can be taken together to form a ring comprising 4-6 carbon atoms;

- ii) polymethacrylamides and N-substituted polymethacrylamides having the general formula:



- 10 wherein each R' is independently hydrogen, C<sub>1</sub>-C<sub>6</sub> alkyl, or both R' units can be taken together to form a ring comprising 4-6 carbon atoms; and

- iii) mixtures thereof.

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3. A composition according to Claim 1 further comprising a dispersibility aid system, said system comprising:

- i) 0.2% of ethoxylated cocoyl amine having an average of 10 ethoxy units; and  
20 ii) 0.1% of ethoxylated cocoyl alcohol having an average of 10 ethoxy units.

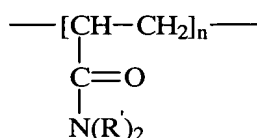
4. A method for providing fabric with decreased abrasion damage comprising the step of contacting a fabric with a composition comprising:

- 25 a) from 0.01% by weight, of a fabric abrasion reducing polymer, said fabric abrasion polymer chosen from:  
i) at least one monomeric unit comprising an amide moiety;  
ii) at least one monomeric unit comprising an N-oxide moiety; or

- iii) mixtures thereof;
- b) optionally one or more fabric enhancement ingredients; and
- c) the balance carriers;

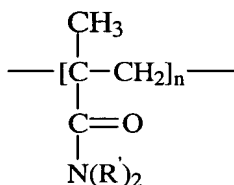
wherein the molecular weight of said fabric abrasion reducing polymer is greater than 100,000 daltons; and wherein said fabric abrasion polymer comprises one or more monomeric units selected from the group consisting of:

- i) polyacrylamides and N-substituted polyacrylamides having the formula:



wherein each R' is independently hydrogen, C<sub>1</sub>-C<sub>6</sub> alkyl, or both R' units can be taken together to form a ring comprising 4-6 carbon atoms;

- ii) polymethacrylamides and N-substituted polymethacrylamides having the general formula:



wherein each R' is independently hydrogen, C<sub>1</sub>-C<sub>6</sub> alkyl, or both R' units can be taken together to form a ring comprising 4-6 carbon atoms; and

- iii) mixtures thereof;

wherein said composition further comprises from 0.001% to 50% by weight, of a dye fixing agent and/or from 0.01% to 50% by weight of a bleach protection polyamine selected from the group consisting of 1,4-bis-(3-aminopropyl)piperazine, 1,1-N-dimethyl-5-N'-methyl-9,9-N''-dimethyl dipropylenetriamine, 1,1-N-dimethyl-9,9-N''-dimethyl dipropylenetriamine, N,N'-bis(3-aminopropyl)-1,3-propylenediamine, and mixtures thereof.

5. A composition according to Claim 1, comprising from 0.001% to 50% by weight, of said dye fixing agent.

6. A composition according to Claim 1, comprising from 0.01% to 50% by weight of said bleach protection polyamine selected from the group consisting of 1,4-Bis-(3-aminopropyl)piperazine, 1,1-N-dimethyl-5-N'-methyl-9,9-N''-dimethyl dipropylenetriamine, 1,1-N-dimethyl-9,9-N''-dimethyl dipropylenetriamine, N,N'-bis(3-aminopropyl)-1,3-propylenediamine, and mixtures thereof.